CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/DM/16/2020-2021 Date: 02.09.2020

TEST REPORT ON CONCRETE CUBES

Client	: **Executive Engineer,** RR Nagar Division, Bangalore.
Agency	: **Sri.Damodar Manjunath,** Contractor, Bangalore.
Name of the work	: Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01)
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{15}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.08.2020	02.09.2020	8.150	360.5	16.02
2	05.08.2020	02.09.2020	8.182	381.4	16.95
3	05.08.2020	02.09.2020	8.135	390.1	17.34

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Asst. Executive Engineer
Yeshwanthpura Sub-Division
Bruhat Bangalore Mahanagara Palike

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

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Job No.: CQCE/BBMP/DM/16/2020-2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Date: 17.08.2020

Client	
Agency	**: Executive Engineer,** RR Nagar Division, BBMP,Bangalore.
Name of the work	**: Sri.Damodar Manjunath,** Contractor, Bangalore.
	:Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01), BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.08.2020	17.08.2020	8.036	359.6	15.98
2	10.08.2020	17.08.2020	8.174	371.2	16.50
3	10.08.2020	17.08.2020	8.198	359.8	15.99

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Date: 17.08.2020

Client	**: Executive Engineer,** RR Nagar Division, BBMP,Bangalore.
Agency	**: Sri.Damodar Manjunath,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01), BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.08.2020	17.08.2020	8.159	362.8	16.12
2	10.08.2020	17.08.2020	8.032	358.2	15.92
3	10.08.2020	17.08.2020	8.174	372.1	16.54

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Name of the work :Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01), BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.08.2020	17.08.2020	8.036	382.5	17.00
2	10.08.2020	17.08.2020	8.174	374.9	16.66
3	10.08.2020	17.08.2020	8.098	364.3	16.19

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:Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01), BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.08.2020	17.08.2020	8.193	392.5	17.44
2	10.08.2020	17.08.2020	8.157	374.5	16.64
3	10.08.2020	17.08.2020	8.191	389.3	17.30

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Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{20}
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.08.2020	17.08.2020	8.127	359.6	15.98
2	10.08.2020	17.08.2020	8.136	370.2	16.45
3	10.08.2020	17.08.2020	8.058	380.9	16.93

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

07.09.2020

Client

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Name of the work : **Sri.Damodar Manjunath,** Contractor, Bangalore.

:Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01), BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.08.2020	07.09.2020	8.135	511.2	22.72
2	10.08.2020	07.09.2020	8.062	506.2	22.50
3	10.08.2020	07.09.2020	8.058	512.3	22.77

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.08.2020	07.09.2020	8.062	512.3	22.77
2	10.08.2020	07.09.2020	8.152	504.5	22.42
3	10.08.2020	07.09.2020	8.185	525.8	23.37

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Sample ID :Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01), BBMP, Bangalore

Size of cubes : Cement Concrete

Cross Sectional Area : 150mmx150mmx150mm

Technical Reference : 22500 mm^2

Grade of Concrete : IS: 516-1959 (Reaffirmed 2008)

Compressive Strength as on : M_{20}

: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.08.2020	07.09.2020	8.135	498.3	22.15
2	10.08.2020	07.09.2020	8.085	501.2	22.28
3	10.08.2020	07.09.2020	8.147	525.6	23.36

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.08.2020	07.09.2020	8.035	503.2	22.36
2	10.08.2020	07.09.2020	8.185	515.2	22.90
3	10.08.2020	07.09.2020	8.066	528.4	23.48

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